



Product Information

Antifection inhibitor Sulfamethoxazole sodium, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ100

Size: 25 mg; 50mg; 250 mg

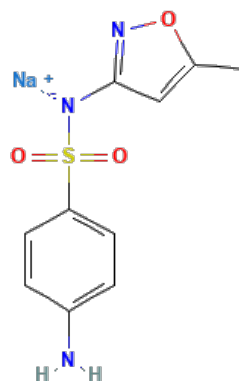
MDL: MFCD23115453

CAS Number: 4563-84-2

Compound CID: 15899900

Synonym: 4563-84-2; Antifection inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	Sulfamethoxazole sodium has strong immunosuppressant properties.
Molecular Weight	275.26
Molecular Formula	C ₁₀ H ₁₀ N ₃ NaO ₃ S
IUPAC Name	Sodium;(4-aminophenyl)sulfonyl-(5-methyl-1,2-oxazol-3-yl)azanide
InChI	InChI=1S/C10H10N3O3S.Na/c1-7-6-10(12-16-7)13-17(14,15)9-4-2-8(11)3-5-9;/h2-6H,11H2,1H3;/q-1;+1
InChI Key	LARLNXOUTTUXPN-UHFFFAOYSA-N
Canonical SMILES	CC1=CC(=NO1)[N-]S(=O)(=O)C2=CC=C(C=C2)N.[Na+]
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	Sulfamethoxazole sodium is examined for its antibacterial properties, functioning as a sulfonamide antibiotic inhibiting bacterial folic acid synthesis.
Storage	Store at -20°C, and keep desiccated.